

Please amend the claims as follows. This listing of claims will replace all prior versions, and
Listings of Claims in the application:

Listing of Claims:

1 Claim 1 (Currently Amended): A method for executing processing tasks in a
2 distributed processing framework system, the method comprising:
3 identifying a main task of a tasklist;
4 identifying a subtask of the main task;
5 allocating computing resources for ~~each of~~ the main task and the subtask prior to
6 proceeding to a next operation, the computer resources being part of the distributed
7 processing framework system;
8 deploying the main task to a first computing system that is part of the ~~distributed~~
9 ~~processing framework system~~ allocated computing resources, a code of the main task being
10 executed on the first computing system, the code of the main task having program
11 instructions for[[,]] requesting loading of a code for the subtask to a second computing
12 system that is part of the allocated computing resources, the code for the subtask ~~being~~ is in
13 client-server communication with the code for the main task, such that the code for the main
14 task receives processing results directly from the code for the subtask.

1 Claim 2 (Original): A method for executing processing tasks in a distributed
2 processing framework system as recited in claim 1, wherein the processing results received
3 from the subtask are implemented to create a main task processing results to be
4 communicated to a system controller.

1 Claim 3 (Original): A method for executing processing tasks in a distributed
2 processing framework system as recited in claim 2, wherein the system controller releases the

3 allocated computing resources upon receiving the main task processing results from the main
4 task.

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1 Claim 4 (Original): A method for executing processing tasks in a distributed
2 processing framework system as recited in claim 1, further including,
3 a plurality of subtasks in addition to the subtask, the plurality of subtasks configured
4 to be controlled by the main task.

1 Claim 5 (Currently Amended): A method for distributing an execution of a
2 plurality of tasks within a tasklist by a system controller, the plurality of tasks configured to
3 be processed by a plurality of processing resources in a distributed processing framework
4 (DPF) system, the method comprising:

5 loading the tasklist, the tasklist having a main task and a subtask;

6 allocating ~~[[a]]~~ processing resource resources to execute each the main task and the
7 subtask within the tasklist before proceeding to a next operation;

8 deploying the main task to a first processing resource for execution;

9 deploying the subtask to ~~the~~ a second processing resource ~~upon receiving once~~ a
10 special request for the subtask is received from the main task; and

11 enabling communication between the main task and the subtask, the communication
12 configured to provide the main task with a result of a subtask execution.

1 Claim 6 (Original): The method of claim 5, further including,

2 communicating a result of a main task execution to the system controller, wherein the
3 system controller releases the plurality of processing resources upon receiving the result of
4 main task execution.

1 Claim 7 (Currently Amended): The method of claim 5, wherein allocating the
2 processing resource to execute each task within the tasklist includes,
3 loading the tasklist by the system controller;
4 searching a registry service for the processing resource having a plurality of attributes
5 ~~substantially~~ identical to a plurality of attributes of ~~each~~ the main task and the subtask within
6 the tasklist; and
7 ~~allocating each of the first and the second~~ processing resources respectively having
8 attributes ~~substantially~~ identical to the ~~plurality of each of the tasks~~ the main task and the
9 subtask to the execution of the main task and subtask correspondingly having the
10 ~~substantially~~ identical attributes.

1 Claim 8 (Currently Amended): The method of claim 7, wherein deploying the
2 subtask to the second processing resource ~~upon receiving a once the~~ special request for the
3 subtask is received from the main task includes,
4 dispatching ~~[[a]]~~ the special request to the system controller, the special request
5 configured to include the plurality of attributes of the subtask;
6 ~~searching a plurality of processing resources allocated~~ the tasklist, the searching
7 configured to locate the subtask having the plurality of attributes included in the special
8 request; and
9 deploying the located subtask to the second processing resource having ~~[[a]]~~ the
10 plurality of attributes ~~substantially~~ identical to the plurality of attributes of the subtask.

1 Claim 9 (Original): The method of claim 8, wherein the registry service is a look up
2 service.

1 Claim 10 (Original): The method of claim 5, wherein the DPF is a distributed test
2 framework (DTF) system.

1 Claim 11 (Original): The method of claim 5, wherein the main task is operated on a
2 processing resource server.

1 Claim 12 (Original): The method of claim 5, wherein the subtask is operated on a
2 processing resource client.

1 Claim 13 (Original): The method of claim 5, wherein the main task is a test harness.

1 Claim 14 (Currently Amended): A method for distributing an execution of a
2 plurality of tasks by a system controller, the plurality of tasks configured to be processed by a
3 plurality of processing resources in a distributed processing framework (DPF) system, the
4 method comprising:

5 loading a plurality of tasks to be executed;
6 allocating a respective processing resource to execute each task of the plurality of
7 tasks prior to proceeding to a next operation;

8 deploying each task to ~~[[a]]~~ the respective processing resource ~~substantially~~ at the
9 same time;

10 receiving a result task from each respective processing resource upon a conclusion of
11 each task; and

12 releasing the plurality of processing resources upon receiving ~~[[a]]~~ the result task ~~of~~
13 ~~an execution~~ from each of the plurality of processing resources.

1 Claim 15 (Currently Amended): The method of claim 14, wherein the operation
2 of allocating ~~[[a]]~~ respective processing resource to execute each task of the plurality of tasks
3 includes,

4 searching a registry service for the processing resource having a plurality of attributes
5 ~~substantially~~ identical to a plurality of attributes of each task; and

6 allocating each of the processing resources having attributes ~~substantially~~ identical to
7 the plurality of each of the tasks to the execution of the task having the ~~substantially~~ identical
8 attributes.

1 Claim 16 (Original): The method of claim 14, wherein the DPF system is a
2 distributed test framework system.

1 Claim 17 (Original): The method of claim 16, wherein the processing resource is a
2 test system.

1 Claim 18 (Currently Amended): A method for distributing an execution of a
2 plurality of tasks by a system controller, the plurality of tasks configured to be processed by a
3 plurality of processing resources in a distributed processing framework (DPF) system, the
4 method comprising:
5 loading a plurality of tasks to be executed;
6 allocating a respective processing resource to execute each task of the plurality of
7 tasks before proceeding to a next operation;
8 deploying a first task of the plurality of tasks to a first processing resource of the
9 plurality of processing resources;
10 deploying a second task of the plurality of tasks to a second processing resource of the
11 plurality of processing resources upon receiving a result of an execution of the first task; and
12 releasing the plurality of processing resources upon receiving a result of [[an]]
13 execution for each of the plurality of tasks.

1 Claim 19 (Original): The method of claim 18, further including,
2 caching the result of the execution for each of the plurality of tasks.

1 Claim 20 (Currently Amended): The method of claim 18, wherein allocating [[a]]
2 the respective processing resource to execute each task of the plurality of tasks includes,
3 searching a registry service for the processing resource having a plurality of attributes
4 ~~substantially~~ identical to a plurality of attributes of each task; and
5 allocating each of the processing resources having attributes ~~substantially~~ identical to
6 the plurality of each of the tasks for the execution of the task having the ~~substantially~~
7 identical attributes.

1 Claim 21 (Original): The method of claim 18, wherein the registry service is a look
2 up service.

1 Claim 22 (Original): The method of claim 18, wherein the DPF is a distributed test
2 framework (DTF) system.

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